

Case Study

# Order Consolidation Buffer





# Flexible and efficient

## Customer and task

With headquarters in Sweden, Galderma has more than 5,000 employees in 80 countries. Its site in Uppsala is responsible for research, innovation, development, and manufacturing aesthetic and corrective treatments.

Their product portfolio range is wide and continues to increase, resulting in an intricate supply chain.

The task was to introduce a flexible and efficient buffer storage system upstream of the assembly process. Galderma wants to improve production planning and reduce stock levels for finished goods.

## Solution

Kardex installed a fully automated semi-finished-product storage system with Vertical Carousel Modules Megamat RS, an automatic handling trolley, and a conveyor system. It enables a storage capacity of approx. 392 m<sup>2</sup> on 40 m<sup>2</sup>.

Working within the Pharma industry's strict guidelines, the solution includes a controlling and inventory system for intermediate storage using RFID technology for reading and tracking. The system is delivered with a fully automatic trolley for handling semi-finished products automatically without a manual operator needed in front of the units.

Galderma stores and picks from this intermediate storage when needed. It's a more efficient production with bigger batches upstream and smaller batches downstream.

A custom-tailored service and maintenance contract ensures high security and machine reliability.

## Case at a glance

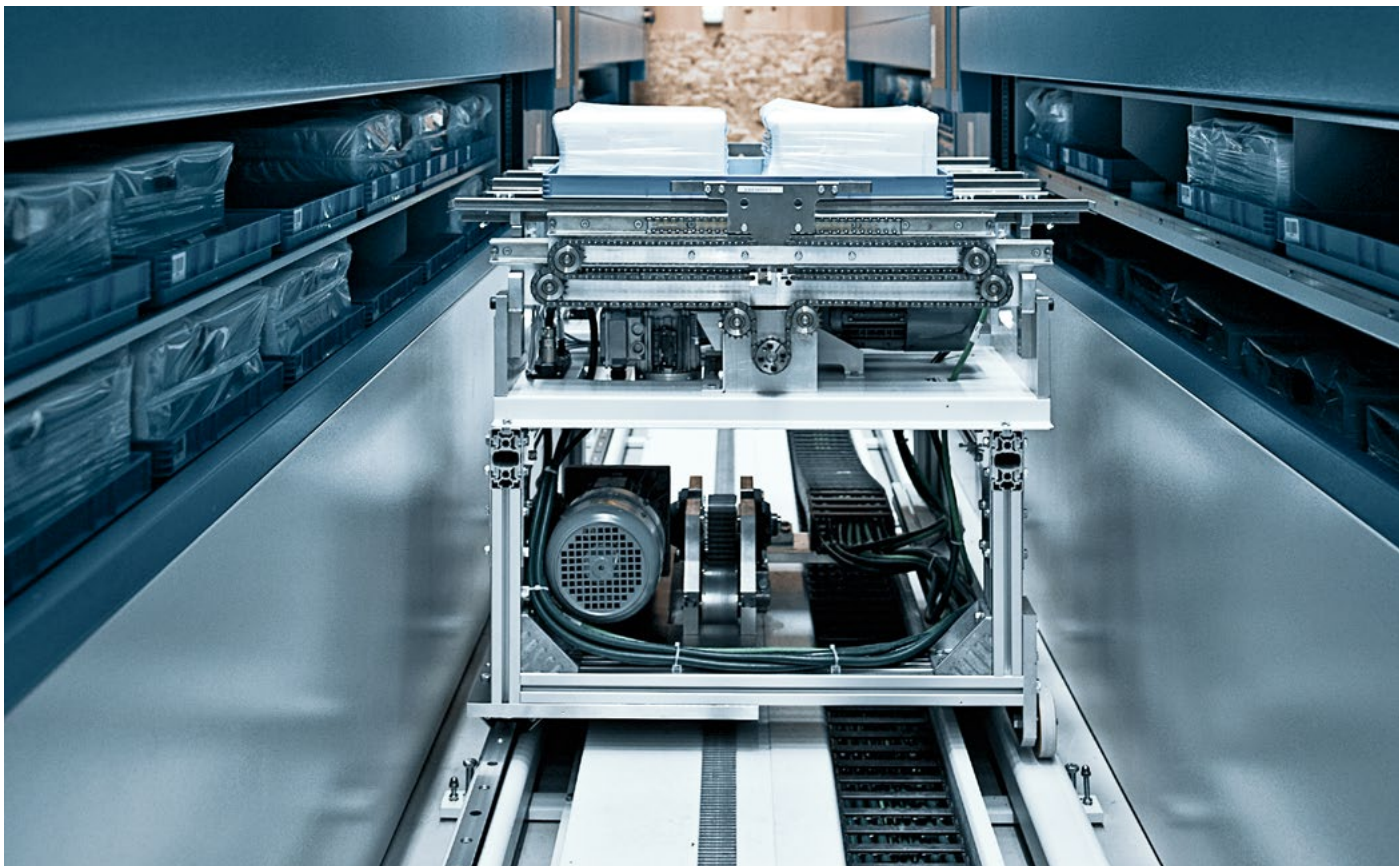
### How we took our customer from task to solution

Galderma is a global player for aesthetic and corrective treatment solutions. Their portfolio include the brands Restylane, Emervel, Macrolane, Azzalure, Metvis, and Pliaglis. The highly complex product portfolio requires efficient production processes. With a fully automated solution from Kardex Remstar, they substantially reduced lead times and errors.

Reduced  
lead times

100% control  
of storage levels

Full traceability,  
no errors



### Scope of delivery



4 Megamat RS 650 W: 3,975 mm | D: 1,711 mm | H: 8,085 mm  
1 automatic trolley with automatic handling device  
1,700 transport boxes



Conveyor system  
WMS material flow system and RFID technology for reading  
and tracking



Service and maintenance contract